

Title (en)  
ELECTRIC RESISTANCE WELDED STEEL PIPE FOR OIL WELL

Title (de)  
WIDERSTANDSGESCHWEISSTES STAHLROHR FÜR EIN ÖLBOHRUNG

Title (fr)  
TUYAU EN ACIER SOUDÉ PAR RÉSISTANCE ÉLECTRIQUE POUR Puits DE PÉTROLE

Publication  
**EP 3050990 B1 20181114 (EN)**

Application  
**EP 14875170 A 20141211**

Priority  
• JP 2013267314 A 20131225  
• JP 2014082898 W 20141211

Abstract (en)  
[origin: EP3050990A1] An electric resistance welded steel pipe for an oil well, including in terms of mass%: 0.02 to 0.14% of C, 0.05 to 0.50% of Si, 1.0 to 2.1% of Mn, 0.020% or less of P, 0.010% or less of S, 0.010 to 0.100% of Nb, 0.010 to 0.050% of Ti, 0.010 to 0.100% of Al, and 0.0100% or less of N, wherein the contents of Cu, Ni, Cr, Mo, V, and B are 0 to 0.50% of Cu, 0 to 1.00% of Ni, 0 to 0.50% of Cr, 0 to 0.30% of Mo, 0 to 0.10% of V, and 0 to 0.0030% of B, respectively, a remainder consisting of Fe and unavoidable impurities, and wherein in a case in which a full thickness specimen is subjected to a pipe axis direction tensile test, a tensile strength is 780 MPa or more, the ratio of a 0.2% proof stress to the tensile strength [0.2% proof stress/tensile strength] is 0.80 or more, and the ratio of a 2% flow stress to the tensile strength [2% flow stress/tensile strength] is from 0.85 to 0.98.

IPC 8 full level  
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CPC (source: EP KR US)  
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